

■ Supported Display Modes (PC)

| Screen resolution | | Horizontal frequency | Vertical frequency | Dot frequency | Analog signal | Digital signal |
|---------------------------|------------|----------------------|--------------------|-------------------|---------------|----------------|
| VESA | 640 x 480 | 31.5 kHz | 60 Hz | 25.175 MHz | Yes | Yes |
| | | 37.9 kHz | 72 Hz | 31.5 MHz | Yes | Yes |
| | | 37.5 kHz | 75 Hz | 31.5 MHz | Yes | Yes |
| | 800 x 600 | 35.1 kHz | 56 Hz | 36.0 MHz | Yes | - |
| | | 37.9 kHz | 60 Hz | 40.0 MHz | Yes | Yes |
| | | 48.1 kHz | 72 Hz | 50.0 MHz | Yes | Yes |
| | | 46.9 kHz | 75 Hz | 49.5 MHz | Yes | Yes |
| | 848 x 480 | 31.0 kHz | 60 Hz | 33.75 MHz | Yes | Yes |
| | | 48.4 kHz | 60 Hz | 65.0 MHz | Yes | Yes |
| | 1024 x 768 | 56.5 kHz | 70 Hz | 75.0 MHz | Yes | Yes |
| | | 60.0 kHz | 75 Hz | 78.75 MHz | Yes | Yes |
| | 1152 x 864 | 67.5 kHz | 75 Hz | 108.0 MHz | Yes | Yes |
| | | 47.8 kHz | 60 Hz | 79.5 MHz | Yes | Yes |
| | 1280 x 768 | 60.3 kHz | 75 Hz | 102.25 MHz | Yes | Yes |
| | | 60.0 kHz | 60 Hz | 108.0 MHz | Yes | Yes |
| | 1280 x 960 | 64.0 kHz | 60 Hz | 108.0 MHz | Yes | Yes |
| 80.0 kHz | | 75 Hz | 135.0 MHz | Yes | Yes | |
| 1360 x 768 | 47.7 kHz | 60 Hz | 85.5 MHz | Yes | Yes | |
| | 75.0 kHz | 60 Hz | 162.0 MHz | Yes | Yes | |
| 1600 x 1200 ¹⁾ | 44.7 kHz | 60 Hz | 74.4 MHz | Yes | Yes | |
| | 66.3 kHz | 60 Hz | 148.5 MHz | Yes ²⁾ | Yes | |
| Wide | 1280 x 720 | 31.5 kHz | 70 Hz | 28.3 MHz | Yes | Yes |
| US TEXT | 720 x 400 | 48.3 kHz | 60 Hz | 64.13 MHz | Yes | - |
| | | 53.6 kHz | 66 Hz | 70.4 MHz | Yes | - |
| Sun Ultra Series | 1024 x 768 | 56.6 kHz | 70 Hz | 74.25 MHz | Yes | - |
| | | 61.8 kHz | 66 Hz | 94.88 MHz | Yes | - |
| | | 71.8 kHz | 76.2 Hz | 108.23 MHz | Yes | - |
| | | 81.1 kHz | 76 Hz | 134.99 MHz | Yes | - |
| 1280 x 1024 | 68.6 kHz | 66 Hz | 135.76 MHz | Yes | - | |
| | 68.6 kHz | 66 Hz | 135.76 MHz | Yes | - | |

¹⁾ Displays a reduced image. ²⁾ A screen with 1920 x 1080 resolution may not be displayed correctly with PC analog (BNC). In this case, check the settings of your computer (graphics card) to verify that input signals conform to specs of this monitor.
 * All signals are supported only with non-interfaced. * Depends on the connected PC, images may not be displayed properly even if the compatible signal described above is input.
 * The frequency values of the Sun Ultra Series are for connecting the monitor to the Sun Ultra Series. A separate conversion adapter (commercially available) may be required for connecting the monitor to the Sun Ultra Series.

PN-ZT10E (Sold separately)

Featuring a decent bezel and front glass, the PN-ZT10E touch panel overlay is designed to fit the 65-inch Sharp commercial display series. Typical applications will include medical referential display, point of sale devices, public information kiosks, retail bank, and command systems. Sharp PN-ZT10E touch panel combines infrared LED emitters, phototransistor detectors, and mounting hardware. A clear hard-coated anti-glare glass that is bonded to the bezel increases visual experience of the display while protecting the display face. It also delivers a fast, accurate touch response every time.

* Product availability may vary according to region.



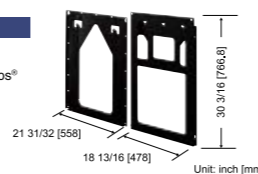
| Applicable display models | | PN-655E/PN-G655E |
|-------------------------------|--|---|
| Type / Touch panel technology | | Flat / Infrared LED <on two sides> |
| PC connector | | USB (1,1) |
| LED Indicator | | Indication of Pen mode or Mouse mode |
| Panel Aperture | | 1,441(W) x 817(D)mm / 56.7(W) x 34.3(D)inch |
| Detection range | | 1,428(W) x 808(D)mm / 56.2(W) x 31.8(D)inch |
| Resolution | | 358(W) x 203(D) |
| USB driver/OS | | Windows XP (Pro, Home) |
| Protection Panel | | Glass (3mm) |
| Material | | AR Film |
| Surface Processing | | AR Film |
| Accessories | | Touch panel pen, USB cable, 2 R-03 ["AAA"] size batteries, 5 Mounting Plate, 10 Screws, Utility Disk, Blank label |
| Power Consumption | | Below +5V 450mA (through USB cable) |
| Temperature Condition | | 5°C to 35°C (41 to 95 F) |
| Humidity Condition | | 20% to 80% (Non-Condensing) |
| Dimensions | | 1,622(W) x 971(H) x 84(D)mm / 63.9(W) x 38.2(H) x 3.3(D) inch |
| Weight | | Approx. 23kg [51 lbs.] |
| Shipping Case | | 1,770(W) x 1,080(H) x 455(D)mm / approx. 42kg |

Supported Display Modes
AV digital input (DVI-D, HDCP compatible)

| | | PN-G655U/PN-G655E PN-G655RU/PN-G655RE PN-525U/PN-525E PN-465U/PN-465E |
|--------------|----------|--|
| 640 x 480p | 59.94 Hz | Yes |
| | 60 Hz | Yes |
| 720 x 480p | 59.94 Hz | Yes |
| | 60 Hz | Yes |
| 720 x 576p | 50 Hz | Yes |
| | 59.94 Hz | Yes |
| 1280 x 720p | 50 Hz | Yes |
| | 59.94 Hz | Yes |
| 1920 x 1080i | 50 Hz | Yes |
| | 59.94 Hz | Yes |
| 1920 x 1080p | 50 Hz | Yes |
| | 59.94 Hz | Yes |
| 1920 x 1080p | 50 Hz | Yes |
| | 60 Hz | Yes |

65-inch Model
Wall Bracket

AN-65AG1
Also compatible with Sharp Aquos®



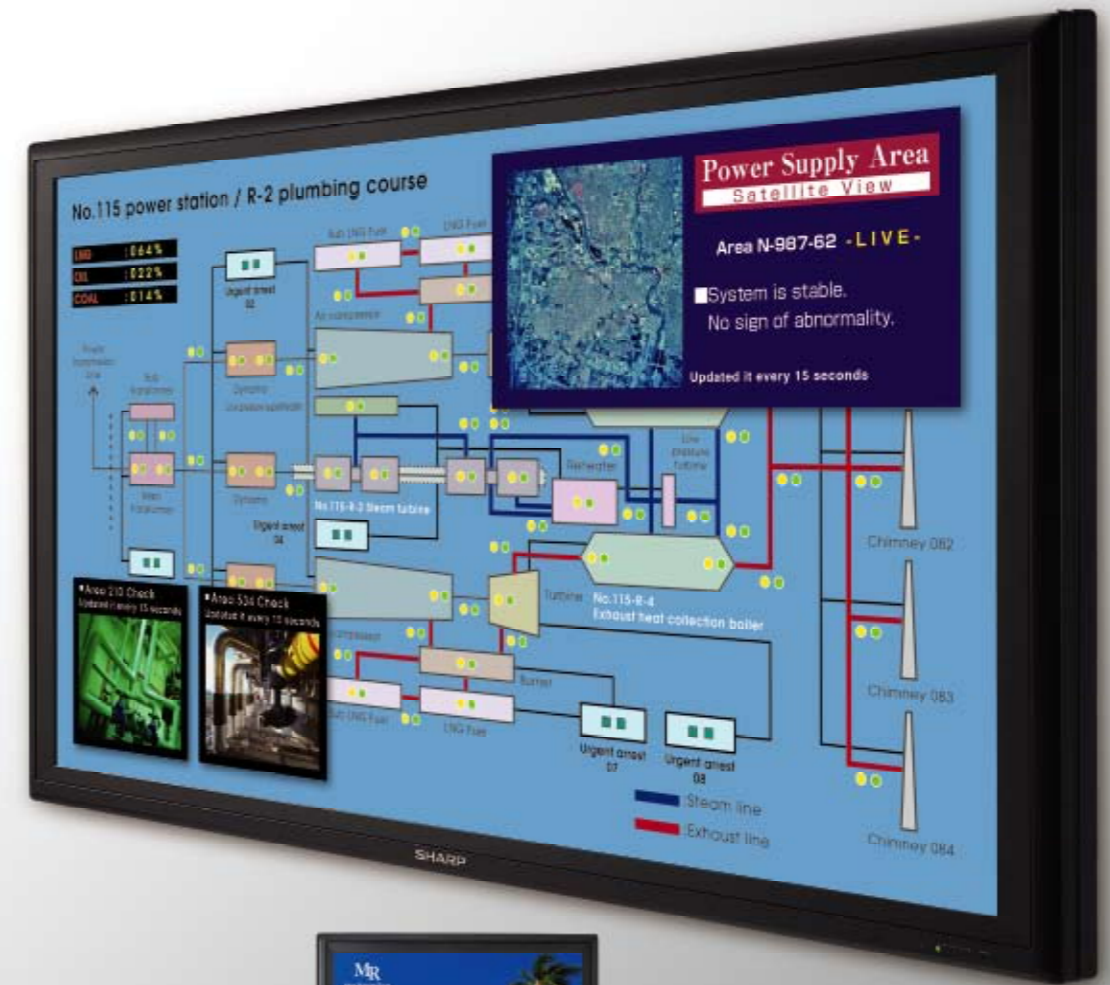
SHARP

Professional LCD Monitor

PN-G655U/PN-G655E
PN-G655RU/PN-G655RE
PN-525U/PN-525E
PN-465U/PN-465E

2007-8

See the Difference with Our Range of Outstanding Full HD Resolution Professional LCD Monitors.



■ More About the Products

- Using the product
- Mounting the monitor on a wall requires special expertise and all work must be performed by a Sharp authorized and qualified dealer or installer. Do not attempt to perform this work without trained expertise. Sharp is not responsible for accidents or injury caused by improper mounting or mishandling.
- The TFT color LCD panel used in this monitor is made utilizing high precision technology. However, there may be minute points on the screen where pixels may be inactive or permanently lit. If viewed at an acute angle, there additionally may appear to be uneven brightness or color. These are not malfunctions, but common phenomena, and will not affect the performance of the LCD monitor.
- Continuous display of a static image may result in temporary image memory retention on the screen.
- If you intend to use, for commercial viewing, the monitor's screen size switching or dual-screen display modes (which may compress or expand the screen) please confirm that this altering of the image does not infringe on the rights of the content creators, as protected by applicable copyright law.

- Catalogue Notes
- Product specifications and design are subject to change without notice. Product color in this catalogue may differ slightly from actual color due to limitations of the printing process.
- All screen images shown in this catalogue are simulated.
- Sharp is a registered trademark of Sharp Corporation.

SHARP

Distributed by:



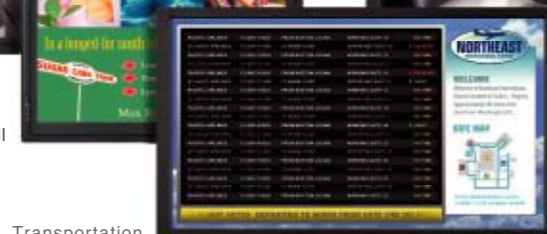
Conference



Retail



Medical



Transportation

Screen Size Classes

65-inch Model
52-inch Model
46-inch Model

1,920x1,080 Pixels
ASV Black TFT LCD

Sharp redefines business with commercial large-format displays.

Sharp commercial grade PN series LCD monitors present a new age in visual communication. Sharp PN series improves efficiency and quality of your work in all different kinds of applications and businesses regardless of communication needs.

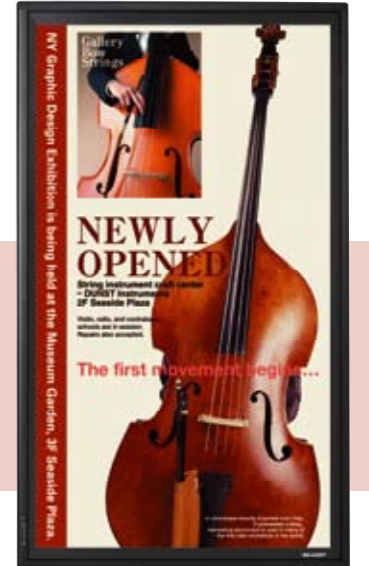
LANDSCAPE

Outstanding image quality and large size screen make Sharp PN series an ideal display solution for data applications where visualization, image quality and details are critical.



PORTRAIT

Sharp PN series also may be used for extended-use applications in "portrait" orientation, such as in shopping malls and office buildings - including high-resolution signage and directories.



Restaurant (Hospitality)

Sharp PN series are preferred monitors for the restaurant signage applications. The high reliability and high definition display capabilities of Sharp PN series enable you to showcase the day's specials or promote limited time offers.



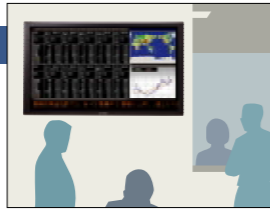
Transportation

Clear images and legible text displayed on the monitors present passengers with up-to-the minute arrival/departure information at transportation hubs.



Financial Institute

High brightness, excellent daylight contrast and no severe burn-in associated with the display of static pictures and detailed text.



HD Videoconferencing

Exceptional quality images with full 1920 x 1080 resolution make remote communications a productive and true-to life experience.



CAD

With their large screen size and high resolution, CAD designers can analyze, review, and collaborate with others the display of complex assemblies and photorealistic renderings of new product designs.



Retail

Capture consumer's attention and imagination with vivid life-like displays at point-of-purchase.



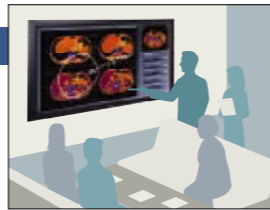
Security/Monitoring

The large screen sizes and high resolution of Sharp PN series enable you to display multiple surveillance cameras and other data on a single screen in real time.



Medical/PACS

The large screen sizes and high resolution of Sharp PN series LCDs (2 Megapixel) can be used for review during surgery and to demonstrate cases to residents or medical students.



* PN series LCDs are ideal for reference review of medical images. Higher resolution is typically needed for diagnosis.

Simulation

Life-size screen delivers high-fidelity video and imagery necessary to simulate and demonstrate virtual experience for training.



Reception

Sharp PN series enable you to represent your brand and your organization in highest quality when visitors are waiting to meet with you.



Education / Training

Keep students engaged with powerful digital images and educational programs with animations and video footages.



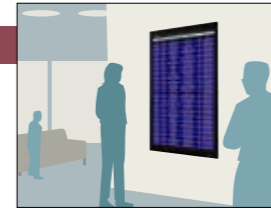
Conference Room

Deliver powerful presentation with vivid color and image for improved meeting efficiency.



Airport

The non-glare characteristics of Sharp PN series enables information to be read and understood easily in harsh lighting environments and enhance airport passenger area's appearance and efficiency.



Event & Staging

Direct-view LCD screens deliver information to onlookers, situated in various angles in front of screen, while keeping them engaged and amused.



Corporate Communications

Reinforce company objectives, achievements, and deliver management's messages with impact through the use of a Sharp PN series LCD.



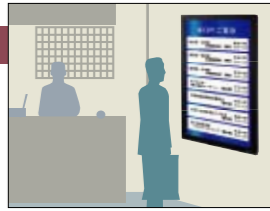
Shopping Mall

Sharp PN series' unmatched reliability and ability to display vivid high image quality provides unlimited advertising opportunities and ways to communicate effectively.



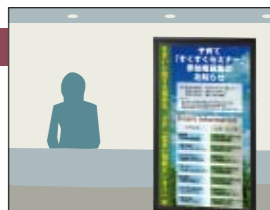
Hotel Lobbies

Sharp PN series large size screens present guests with the daily schedule of events and helpful messages, enabling guests to quickly locate their respective attractions by viewing content.

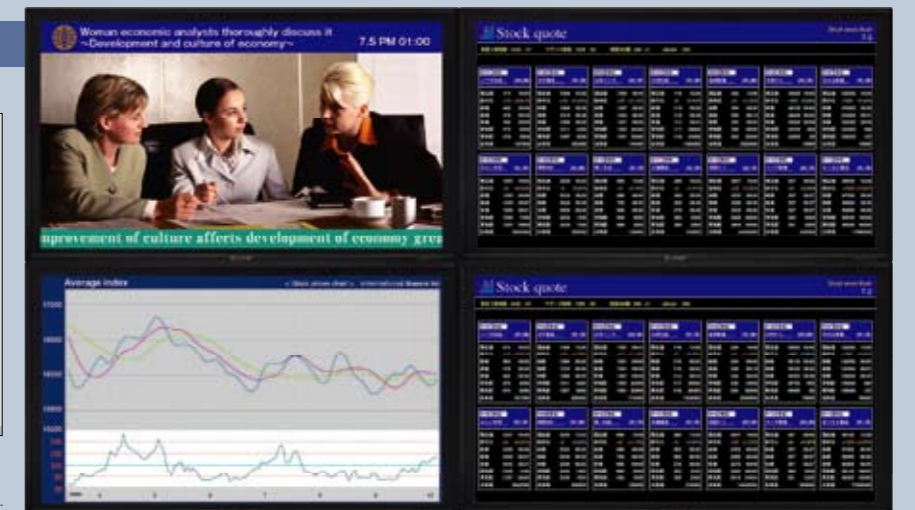


Visitor Information

Present visitors and guests with the information they need to know: event information, directions, schedules and important messages.



VIDEOWALL



* May require a special image processor depending on configuration.

Control your advertisement

Displaying on-the-fly marketing messages on Sharp LCDs is a new approach to capture targeted customer segments.

Hardware and software from 3rd parties require appropriate system configuration. Please ask your Sharp representatives for assistance.



At Shopping Malls

Even from a distant and under the bright lighting environment, Sharp PN series will not lose color and image clarity.

Take advantage of a new medium

Capable to display all kinds of passenger information with high quality and exceptional hardware durability.

Hardware and software from 3rd parties require appropriate system configuration. Please ask your Sharp representatives for assistance.



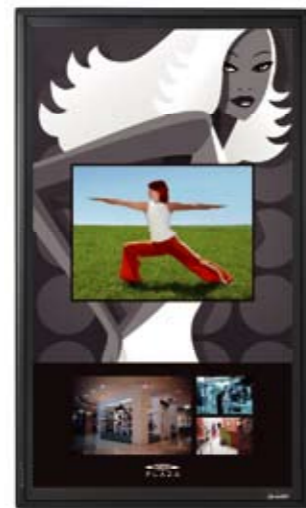
At Transportation Hubs

Where busy passengers entrenched in a sea of people need constantly up-to-minute information, Sharp displays are the best screen option in its long hour operation design concept.



Events

All Sharp displays have full high-definition (1920x1080) resolution that enables them to present large amount of information.



Promotions

Combination of digital image and video will add strong appeal to the marketing message.



Advertisement

High fidelity displays are critical to deliver brand message to consumers.



Time Table

All day and night in 24/7 business, Sharp PN series support delivering flight, delay or boarding information with maximum reliability and maximum screen brightness.



Train Map

Present the whole information with detail on a single display and help passengers to find their destination. Sharp LCD displays' no-blur clear image and text that apparently differentiates themselves from other offerings.



Show Whereabouts

Sharp displays support delivering passengers terminal and baggage information. Animation and special visual effects help you to guide them efficiently.

Bring improved efficiency into meeting process and brand communication.

Take full advantage of computer, communications and Sharp display technology to deliver a multimedia presentation that meeting guests will remember.

Hardware and software from 3rd parties require appropriate system configuration. Please ask your Sharp representatives for assistance.



Videoconferencing [Intensive Remote Communication]

When using the Sharp large screen LCD for remote communication, precise display of shared PC data and dynamic presence of others can be achieved.

* Display quality may be dependent on videoconferencing system



Spreadsheet

When reviewing detailed data applications, such as a spreadsheet, the high screen "real estate" and a 2-megapixel resolution allows you to display more viewable content, reducing the amount of scroll necessary.



Deliver Strong Messages

Sharp PN series' ability to display legible text messages and precise imagery add clarity and impact to spreadsheets, documents, graphics-based presentations and full motion video content.

* Software applications such as Microsoft® Power Point and Microsoft® Excel may be required



Improve the Designing Process

Where specialists from different engineering and design group collaborate, they are able to share the whole process as well as the details of the most complex assemblies and sophisticated product designs. With Sharp PN series large-format LCD monitors, everyone is able to see, and review the design from anywhere in the room.

Using multiple large size Sharp PN series LCDs is an unrivaled medium for drawing end-user attention.

Maximize the full benefit of a multi-screen video wall and manage large amounts of data and visual information. Best suited for open spaces such as walls and hallways.

Hardware and software from 3rd parties require appropriate system configuration. Please ask your Sharp representatives for assistance.



At Control Environments

Where displays are required to meet mission critical 24/7 data and rigorous data video-intensive needs, [such as network operation centers, disaster control, emergency response or air traffic control], Sharp PN series LCDs offer superb performance. Graphical maps, network topology and other data can be displayed on large screens allowing operators to see exact conditions in order to carry out real-time decision making - critical for the operation of control/management of this type of application.

- The wide viewing angle of the PN series help to present data to everyone working under decisive conditions.
- Anti-glare, low-reflection, high brightness and high contrast all combine to maximize the quality of the image - even in harsh lighting conditions.
- Sharp PN series high resolution LCDs clearly display detailed information from most data sources.



At Cinema Complex

At ticket counters, screens can show movie schedule, seats availability and ticket prices. At theater entrance, movie titles and previews can be highlighted to moviegoers. At the food court, food and beverage choices can be featured. Sharp PN series large format LCD monitors provide both information and advertisement with their high resolution, bright display and life like colors.

- The wide viewing angle of Sharp PN series help to present data to everyone working throughout the operations center.
- Anti-glare, low-reflection, high brightness and high contrast all combine to maximize the quality of the image - even in harsh lighting conditions.
- Sharp PN series high resolution LCDs clearly display detailed information from most any data source.

Sharp PN series are attractive LCDs for a wide range of commercial settings.

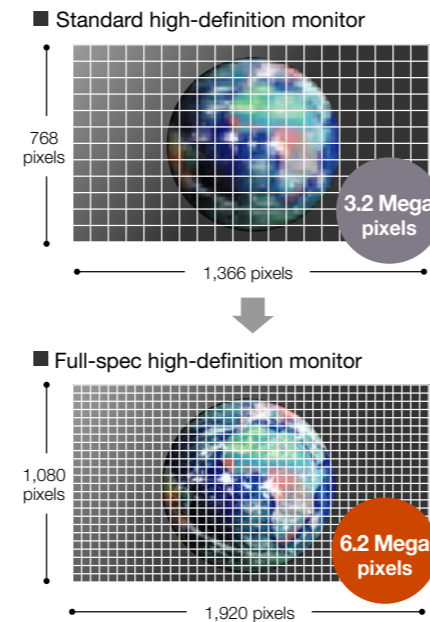
1080p Full-HD ASV Black TFT

Full High Definition Resolution

The Sharp proprietary LCD with 1,920 x 1,080 native resolution delivers dynamic visual impact to audiences with true life color reproduction and crisp text image on a large screen format. The LCD technology achieves high brightness, high contrast ratio and wide viewing angle. The monitors accept full native 1080p signal in both digital & analog PC input and HD video sources through DVI (HDCP compatible).

ASV Black TFT

ASV Black TFT technology helps to reduce screen glare and reflection that makes the LCD as one of the best flat panel technologies to install in most of commercial applications such as point-of-sales material in retail outlets, flight information and public information.



Designed for Commercial Use

24/7

Rugged enclosure and well-selected components offer superior reliability for extended use in dedicated commercial applications including retail, out-of-home advertising, public transportations and control room displays.

Back Metal cabinet, Carrying Handle

The monitors are housed in a rugged back metal cabinet with carrying handle and equipped with VESA* compliant mounting holes that allow Sharp monitors to be placed on the wall with industry standard mounting brackets.



*PN-G655U/PN-G655E and PN-G655RU/PN-G655RE have unique hole configuration

Fan-less Architecture and Built-in Temperature Sensor

The monitors are designed to maintain air flow and heat dissipation with no mechanical air-ventilation fans that often cause dust problems and fan noise. When the internal temperature raises for unknown reason, the monitors automatically control the backlight system to keep it below the maximum operational temperature*.

* The monitor automatically goes to standby mode, when the internal temperature is above the maximum operational level constantly.

Portrait

Depend on the contents and information of the application, Sharp offers a choice of LCD monitors for landscape and portrait installations.

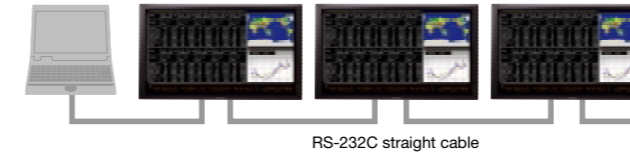
* Requires application software or equipment to view information in portrait orientation.



Maintenance

Diagnostic RS-232C Central Control

Sharp monitors are equipped with an RS-232C interface that allows monitors to be fully controlled, monitored and diagnostically checked from a central location. The function includes remotely turn on and off an individual monitor, change video input and even scan the internal temperature of each monitor.



Diagnosis

Detect irregular hardware status* and show them on screen.

* Circuit voltage and backlight.

Scheduling

Schedule function allows user/operator to set up to 8 schedule of when to turn on/off with which input mode. Each schedule can be set on exact time in a daily, weekly cycle or one-time operation.

Detachable Bezel

The detachable front bezel design helps easy front cabinet repair, flexible enclosure design and wall embedded installations.

*PN-465U/PN-465E and PN-525U/PN-525E only.



Status Log

Sharp PN series LCD monitors store log data of a display's operation which assists service and network operators to identify the cause of a problem.

* Log data includes history of display operation, incoming signal chart, irregular hardware status (temperature/power/backlight), and other important operational information.

* This function is for trained service techs only.

Signal Detection

The monitor detects incoming signal and automatically selects and switches to active signal inputs.

* The function is only supported by PN-525U/525E series.

Full Complement of Commercial Features

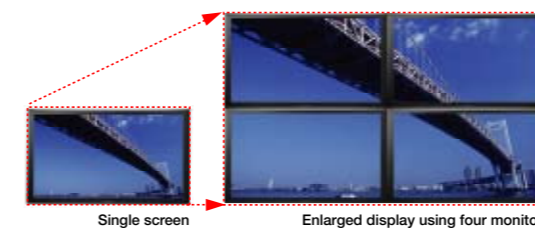
Flexible Image Formats

Large amounts of information can be presented in a dynamic way with built-in screen image functions that creates "2x2", "3x3", "4x4" and "5x5" videowall from a PC signal as well as "Picture-in-Picture" (PIP) and "Picture-by-Picture"(PbyP) that allow simultaneous display of a second AV/PC source.

* Separate video splitter is required for "3x3", "4x4", "5x5" or RGB PC analog signal.
* "PIP" and "PbyP" : Monitors can show one PC and one AV source simultaneously.

Enlargement

Frame correction function prevents misalignment.



Power-on Delay

Power supply (wattage) is a factor when designing videowalls or multi-screen installations. The function specifies for each monitor the time lag and prevent unexpected power surge that happens when number of monitors are powered on simultaneously, which consequently helps to minimize the cost of system installation.

Lockable Key Panel

All control keys on the monitor are hidden and keep a clean professional appearance. The LED indicator on the front cabinet can be turned off, which helps to create a better look when creating a videowall.

Color Adjustment

For applications where the colors are vital, Sharp monitors offer extensive color adjustment capabilities including black level (brightness), contrast, tint, sharpness, white balance (RGB manual setting) and gamma value.

*Adjustment menus will vary depending on the input menu.

| | Kameyama LCD | Full High Definition | ASV Black TFT | 24/7 | Portrait | Metal Back Cabinet | Carrying Handle | Fan-less Architecture | Temperature Sensor | RS-232C Control | Scheduling | Detachable Bezel | Flexible Image Formats | Power on Delay | Lockable Key Panel | Color Adjustment |
|---------------------|--------------|----------------------|---------------|------|---------------|--------------------|-----------------|-----------------------|--------------------|-----------------|------------|------------------|------------------------|----------------|--------------------|------------------|
| PN-G655U/PN-G655E | ● | ● | ● | ● | | ● | ● ^{*1} | ● | ● ^{*2} | ● | ● | ● | ● | ● | ● | ● |
| PN-G655RU/PN-G655RE | ● | ● | ● | ● | Portrait only | ● | ● ^{*1} | ● | ● ^{*2} | ● | ● | ● | ● | ● | ● | ● |
| PN-525U/PN-525E | ● | ● | ● | ● | ● | ● | ● ^{*1} | ● | ● ^{*2} | ● | ● | ● | ● | ● | ● | ● |
| PN-465U/PN-465E | ● | ● | ● | ● | ● | ● | ● ^{*1} | ● | ● ^{*2} | ● | ● | ● | ● | ● | ● | ● |

*1 Already fitted. *2 Only when the temperature rises above the rated temperature.

World Renowned Factory

The professional LCD monitor uses state-of-the-art panels manufactured at Sharp Kameyama Plant in Japan.



The New Professional Monitors, Designed to Cater for All Your Needs.

65-inch 65-inch Model Kameyama Full HD LCD Panel ASV Black TFT LCD

For Landscape Placement

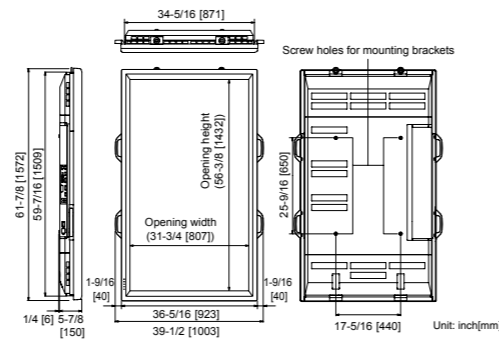
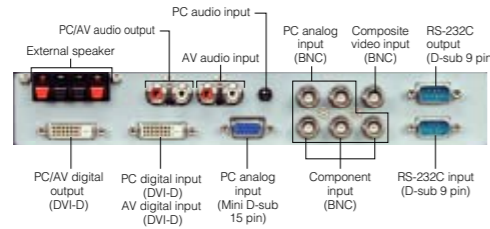
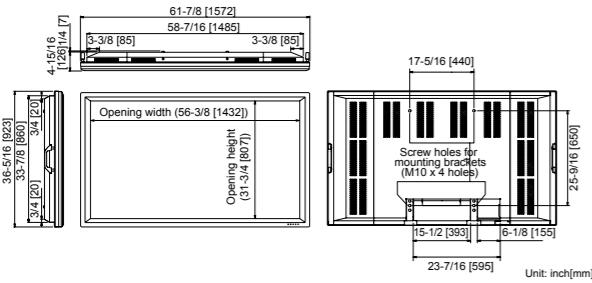
**PN-G655U
PN-G655E**

65-inch Full HD LCD

For Portrait Placement

**PN-G655RU
PN-G655RE**

65-inch Full HD LCD



52-inch 52-inch Model Kameyama Full HD LCD Panel ASV Black TFT LCD

NEW

For Landscape Placement and Portrait Placement

**PN-525U
PN-525E**

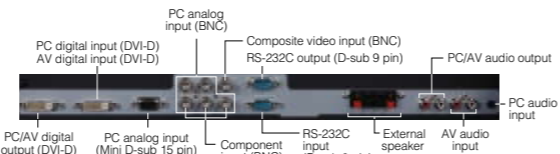
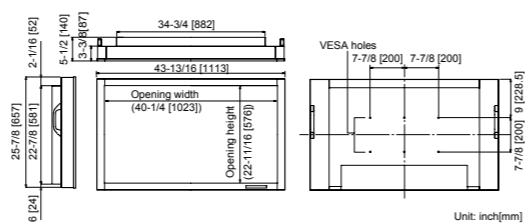
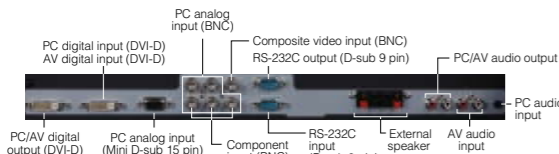
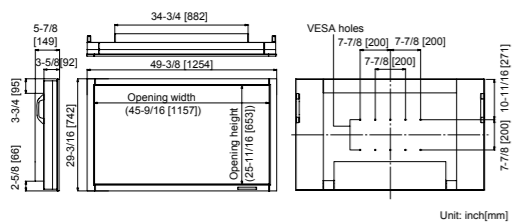
52-inch Full HD LCD

46-inch 46-inch Model Kameyama Full HD LCD Panel ASV Black TFT LCD

For Landscape Placement and Portrait Placement

**PN-465U
PN-465E**

46-inch Full HD LCD



Specifications

PN-G655U, PN-G655RU, PN-525U and PN-465U are distributed in North America
PN-G655E, PN-G655RE, PN-525E and PN-465E are distributed in Europe, Middle East, Asia and Oceania

| Model | PN-G655U/PN-G655E | PN-G655RU/PN-G655RE | PN-525U/PN-525E | PN-465U/PN-465E | |
|---|--|---|---|---|---|
| Orientation | Landscape | Portrait | Landscape / Portrait | Landscape / Portrait | |
| LCD Type | ASV Black TFT LCD (AGLR) | ASV Black TFT LCD (AGLR) | ASV Black TFT LCD (AGLR) | ASV Black TFT LCD (AGLR) | |
| Screen Size | 65-inch [actual size 64 17/32"]diagonal (1,428 x 804 mm) | 65-inch [actual size 64 17/32"]diagonal (804 x 1,428 mm) | 52-inch [actual size 52 1/32"]diagonal (1,152.0 x 648.0 mm) | 46-inch [actual size 45 63/64"]diagonal (1,018.1 x 572.7 mm) | |
| Resolution | 1,920 x 1,080 pixels | 1,920 x 1,080 pixels | 1,920 x 1,080 pixels | 1,920 x 1,080 pixels | |
| Display colors | 16.77 Million (8bit) | 16.77 Million (8bit) | 16.77 Million (8bit) | 16.77 Million (8bit) | |
| Brightness | 450cd/m ² | 450cd/m ² | 450cd/m ² | 450cd/m ² | |
| Contrast ratio | 2000:1 | 2000:1 | 1800:1 | 1700:1 | |
| Viewing angle (H / V) | 176° / 176° (CR≥10) | 176° / 176° (CR≥10) | 176° / 176° (CR≥10) | 176° / 176° (CR≥10) | |
| Response time (average) | 6ms | 6ms | 6ms | 6ms | |
| Video color system | PAL, PAL-60, SECAM, NTSC (3.58MHz), NTSC (4.43MHz) | PAL, PAL-60, SECAM, NTSC (3.58MHz), NTSC (4.43MHz) | PAL, PAL-60, SECAM, NTSC (3.58MHz), NTSC (4.43MHz) | PN-465U: NTSC (3.58 MHz) PN-465E: PAL, PAL-60, SECAM, NTSC (3.58MHz),NTSC (4.43MHz) | |
| Input terminals | Video | DVI-D(24pin) HDCP compatible [DVI1.0] | DVI-D(24pin) HDCP compatible [DVI1.0] | DVI-D(24pin) HDCP compatible [DVI1.0] | |
| | PC/AV Digital | DVI-D(24pin) HDCP compatible [DVI1.0] | DVI-D(24pin) HDCP compatible [DVI1.0] | DVI-D(24pin) HDCP compatible [DVI1.0] | |
| | PC Analog | RGB (mini D-Sub 15 pin), RGB (BNC x 5) *1 *2 *3 | RGB (mini D-Sub 15 pin), RGB (BNC x 5) *1 *2 *3 | RGB (mini D-Sub 15 pin), RGB (BNC x 5) *1 *2 *3 | RGB (mini D-Sub 15 pin), RGB (BNC x 5) *1 *2 *3 |
| AV | Component (BNC: Y, Pb/Cb, Pr/Cr) *3 (480i/p, 576p, 720p, 1080i), Composite (BNC) | Component (BNC: Y, Pb/Cb, Pr/Cr) *3 (480i/p, 576p, 720p, 1080i), Composite (BNC) | Component (BNC: Y, Pb/Cb, Pr/Cr) *3 (480i/p, 576p, 720p, 1080i), Composite (BNC) | Component (BNC: Y, Pb/Cb, Pr/Cr) *3 (480i/p, 576p, 720p, 1080i), Composite (BNC) | |
| | Serial | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) |
| Audio | PC | φ 3.5 mm mini stereo jack | φ 3.5 mm mini stereo jack | φ 3.5 mm mini stereo jack | φ 3.5 mm mini stereo jack |
| | AV | RCA x 2 | RCA x 2 | RCA x 2 | RCA x 2 |
| Output terminals | Video | DVI-D 24pin*4 | DVI-D 24pin*4 | DVI-D 24pin*4 | DVI-D 24pin*4 |
| | Serial | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) | RS-232C (D-sub 9 pin x 1) |
| | Audio | Line out (RCA L/R) | Line out (RCA L/R) | Line out (RCA L/R) | Line out (RCA L/R) |
| | Speaker | 7W + 7W (6 Ω) | 7W + 7W (6 Ω) | 7W + 7W (6 Ω) | 7W + 7W (6 Ω) |
| Functions | Plug & play | VESA DDC2B | VESA DDC2B | VESA DDC2B | VESA DDC2B |
| | Power management | VESA DPMS, DVI DMPM | VESA DPMS, DVI DMPM | VESA DPMS, DVI DMPM | VESA DPMS, DVI DMPM |
| | PC Analog Auto Adjusting | Yes | Yes | Yes | Yes |
| | User controls | OSD (On Screen Display), Remote control (IR Type), RS-232C | OSD (On Screen Display), Remote control (IR Type), RS-232C | OSD (On Screen Display), Remote control (IR Type), RS-232C | OSD (On Screen Display), Remote control (IR Type), RS-232C |
| | OSD Languages | 7 Languages (ENG/GER/FRA/ITA/ESP/RUS/JPN) | 7 Languages (ENG/GER/FRA/ITA/ESP/RUS/JPN) | 7 Languages (ENG/GER/FRA/ITA/ESP/RUS/JPN) | 7 Languages (ENG/GER/FRA/ITA/ESP/RUS/JPN) |
| | Multi-screen capability (enlargement) | PC signal only 2x2,3x3,4x4,5x5 | PC signal only 2x2,3x3,4x4,5x5 | PC signal only 2x2,3x3,4x4,5x5 | PC signal only 2x2,3x3,4x4,5x5 |
| | Bezel image adjustment | Yes | Yes | Yes | Yes |
| | Image reversing | Yes (Upside down, 180° Rotate, Mirror) | Yes (Upside down, 180° Rotate, Mirror) | Yes (Upside down, 180° Rotate, Mirror) | Yes (Upside down, 180° Rotate, Mirror) |
| | Power-off timer | Yes by Scheduling Function | Yes by Scheduling Function | Yes by Scheduling Function | Yes by Scheduling Function |
| | Power-on delay | Yes | Yes | Yes | Yes |
| | Cooling Fan | No Fan | No Fan | No Fan | No Fan |
| | Main power switch | Yes | Yes | Yes | Yes |
| | Mounting Method | Four points (440 x 650 mm, M10 screw) | Four points (440 x 650 mm, M10 screw) | VESA Six pints (200 x 200mm, M6 screw) or Four points (200 x 200mm, M6 screw) | VESA Six points (200 x 200 mm, M6 screw) |
| | Operating Temperature | 0°C to 40°C (32 to 104F) | 0°C to 40°C (32 to 104F) | 0°C to 40°C (32 to 104F) | 0°C to 40°C (32 to 104F) |
| Operating Humidity | 20% to 80% (Non-condensing) | 20% to 80% (Non-condensing) | 20% to 80% (Non-condensing) | 20% to 80% (Non-condensing) | |
| Power Voltage | PN-G655U: 120V AC 60Hz PN-G655E: 100V-240V AC 50/60Hz | PN-G655RU: 120V AC 60Hz PN-G655RE: 100V-240V AC 50/60Hz | PN-525U: 120V AC 60Hz PN-525E: 100V-240V AC 50/60Hz | PN-465U: 120V AC 60Hz PN-465E: 100V-240V AC 50/60Hz | |
| Power Consumption | 550W | 560W | 325W | 266W | |
| Dimensions (W x D x H) with front bezel *5 w/o front bezel | 1,572 x 126 x 923 mm [61.9 x 5.0 x 36.3 inch] | 923 x 150 x 1,572 mm [36.3 x 5.9 x 61.9 inch] | 1,254 x 149 (141*5) x 742 mm [49.4 x 5.9 (5.6*5) x 29.2 inch] | 1,113 x 140 (132*5) x 657 mm [43.8 x 5.5 (5.2*5) x 25.9 inch] | |
| Weight | approx. 65kg [143 lbs.] (w/o stand) | approx. 66kg [145 lbs.] (w/o stand) | approx. 44kg [97lbs.] (w/o stand) | approx. 35.5kg [78lbs.] (w/o stand) | |
| Packaging Dimensions (W x D x H), G/W | approx. 1,720 x 575 x 1,290 mm [67.7 x 22.6 x 50.8 inch], 93kg[204.9 lbs.] | approx. 1,170 x 575 x 1,740 mm [46.1 x 22.6 x 68.6 inch], 91kg[200.6 lbs.] | approx. 1,390 x 385 x 880 mm [54.7 x 15.2 x 34.6 inch], 53kg[116.7lbs.] | approx. 1,275 x 365 x 780 mm [50.2 x 14.4 x 30.7 inch], 44kg[97.0 lbs.] | |
| Accessories | Power cable, Remote control, Utility disk(CD-ROM), 2 Stand hole protection cover, Temporary stand, Operation manual, 2 R-6 ["AA"] size batteries | Power cable, Remote control, Utility disk(CD-ROM), 2 Stand hole protection cover, Operation manual, 2 R-6 ["AA"] size batteries | Power cable, Remote control, Utility disk(CD-ROM),Vertical logo sticker, Temporary stand, Cable clamp,Power cord clamp, Operation manual, Blank sticker, 2 R-6 ["AA"] size batteries | Power cable, Remote control, Utility disk(CD-ROM),Vertical logo sticker, Temporary stand, Cable clamp,Power cord clamp, Operation manual, Blank sticker, 2 R-6 ["AA"] size batteries | |

Specifications are subject to change without notice.

*1 Connectors are common between RGB (BNC x5) and Component(Y, Pb/Cb, Pr/Cr :BNC) . *2 Does not support plug and play. *3 Cannot be used simultaneously.

*4 Connection is allowed with an HDCP-compatible device only. Does not support Repeater control function. *5 w/o front bezel

* Safety standards may not be certified when the fronts bezel are removed.